**Mad Scientists and Mathematicians**

**Reflections**

**Lesson 4-Order of Operations**

1. What was your favorite part of the lesson?

* The set was an attention getter for the students. It really emphasized the importance of doing things in a specific order.
* Students explaining in their own words at the document camera how to solve order of operation problems.
* The writing part of the peanut butter and jelly sandwich crossed over the curriculum and related math to writing.

1. What worked well for the students?

* While the students were in groups, they used different strategies to try to figure out how to solve the problems. Through their discussions and trial and error they were able to solve the problems as a group.
* Memorizing and reciting the mnemonic device several times.

1. Why is this important?

* Because order effects outcome in many aspects of their life.
* If you relate learning to real life experiences, learning takes on a new meaning.
* The personalization of this lesson takes the learning to a different level.

1. What will you do in the future to improve the chance of this happening again?

- Use pattern blocks to represent the shapes and allow students to write on them with dry erase markers.

- Do the peanut butter and jelly out of order to show the mess it would create.

- Heterogeneous groups were extremely important in this lesson.